Reading Two Coatings After the Lamp Turns Off

Scoring guide · one credit per question · review written work against each rubric

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Question 1

Choice (1)

P gives 6 units at four minutes and 2 at eight minutes. Q gives only 4 at four minutes.

Question 2

Both start at 10 units, but their later readings differ. For example, at four minutes P gives 6 and Q gives 4.

Question 3

Neither works. P gives 4 units at six minutes and 2 at eight, missing both limits. Q meets the eight-minute limit at 0 but gives only 2 at six minutes.

Question 4

Measure P at six and eight minutes after the lamp turns off. It must reach at least 5 units at six minutes while falling to at most 1 at eight.